

IN THE CLAIMS:

Please amend Claims 1, 8 and 10 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) An information processing apparatus that acquires a plurality of image data from a server device via a network and controls a printer to print a print job generated from the plurality of image data, comprising:

a first list creation unit that creates ~~means for creating~~ a first list of identification information for a ~~[[the]]~~ plurality of image data, ~~which are~~ designated to be printed ~~and to be~~ acquired from the server device;

a cache memory that stores printed ~~image storage means for storing the plurality of image data[[,]]~~ which has ~~have already been~~ designated to be printed and acquired from the ~~server device~~ during previous rounds of printing;

a second list storing unit that stores ~~creation means for creating~~ a second list of identification information for the printed ~~plurality of image data~~ stored in said cache memory ~~which have been previously printed~~;

a comparison unit that compares ~~means for comparing~~ the first list and the second list;

an acquisition unit that acquires, from the server device, image data identified by identification information which is not included in the second list but in the first list and stores the acquired image data in the cache memory;

a transmission unit that transmits image data identified by the identification information included in the first list from the cache memory to the printer after the acquisition unit acquires the image data from the server device;

a deletion unit that deletes, from the cache memory, means for deleting the image data which is not designated to be printed, after the transmission unit transmits the image data from the cache memory to the printer ~~stored in said image storage means that is not included in the first list but in the second list, based on a result of comparing by said comparison means; and~~

an overwriting unit that overwrites the second list with the first list after the transmission unit transmits the image data from the cache memory to the printer

~~updating means for updating the second list on the first list, after acquiring from the server device the image data that is not included in the second list but in the first list.~~

2. to 7. (Canceled)

8. (Currently amended) A computer-readable storage medium storing a function extension program for causing a computer to acquire a plurality of image data from a server device via a network and control a printer to print a print job generated from the plurality of image data, the program causing a computer to:

create a first list of identification information for a ~~[[the]]~~ plurality of image data, ~~which are~~ designated to be printed ~~and to be acquired from the server device;~~

store in a cache memory printed ~~the plurality of image data~~ ~~[[,]]~~ which has ~~[[have]]~~ ~~already been designated to be printed and acquired from the server device during previous rounds of printing;~~

store a second list of identification information for the printed image data stored in said cache memory;

~~create a second list of identification information for the plurality of image data which have been previously printed;~~

compare the first list and the second list; [[and]]

acquire, from the server device, image data identified by identification information which is not included in the second list but in the first list and stores the acquired image data in the cache memory;

transmit image data identified by the identification information included in the first list from the cache memory to the printer after the acquisition unit acquires the image data from the server device;

~~delete, from the cache memory, the plurality of image data which [[that]] is not designated to be printed, after the image data has been transmitted from the cache memory to the printer included in the first list but in the second list, based on a result of the comparison by said comparison means; and~~

overwrite the second list with the first list after the image data has been transmitted from the cache memory to the printer

~~update the second list on the first list, after acquiring from the server device the image data that is not included in the second list but in the first list.~~

9. (Canceled)

10. (Currently amended) An information processing method for extending the functions of a software for controlling a printer to print a print job generated from a plurality of image data, comprising:

a step of creating a first list of identification information for a ~~[[the]]~~ plurality of image data, ~~which are~~ designated to be printed ~~and to be acquired from a server device~~;

a step of storing in a cache memory ~~the plurality of image data~~ ~~[[,]]~~ which ~~has~~ have already been designated to be printed and acquired from the server device during previous rounds of printing;

~~storing a step of creating~~ a second list of identification information for the printed plurality of image data stored in said cache memory ~~which have been previously printed~~;

a step of comparing the first list and the second list;

an acquisition step of acquiring, from the server device, image data identified by identification information which is not included in the second list but in the first list and stores the acquired image data in the cache memory;

a transmitting step of transmitting image data identified by the identification information included in the first list from the cache memory to the printer after the acquisition unit acquires the image data from the server device;

a step of deleting, from the cache memory, [[the]] image data which is not designated to be printed, after the image data has been transmitted from the cache memory to the printer ~~stored by said image storing step that is not included in the first list but in the second list, based on a result of the comparing~~; and

an overwriting step of overwriting the second list with the first list after the image data has been transmitted from the cache memory to the printer

~~a step of updating the second list on the first list, after acquiring from the server device the image data that is not included in the second list but in the first list.~~